

CLEARLYCOMPOSTABLE

# CLEAR CUPS LIDS

IDENTIFIERS



Made with Compostable Resins



## HOW IS PLA MADE?

Polylactic acid (PLA) is a thermoplastic monomer made from renewable, organic materials like corn starch or sugar cane. Unlike most plastics, which are created from fossil fuels through the distillation and polymerization of petroleum, PLA is produced using biomass resources.

### HARVEST



It starts by harvesting the corn, sugarcane, cassava plants, which are then crushed to create an oil.

### FERMENTATION



Naturally occurring bacteria in the soil ferments the oil, which is separated, purified, and dried to create PLA feedstock.

### TRANSFORMATION



These microbes transform plant oils and starches into polymer chains that are harvested and refined into biodegradable plastic pellets.

### TESTING



Our quality shines through rigorous manufacturing and lab testing, guaranteeing product durability, performance, and environmental adherence.

### DECOMPOSITION



When the product is exposed to microbial activity, it will decompose; hence it will break down in industrial compost, soil (landfills), freshwater, or saltwater.

### ADAPTATION TO EXISTING INFRASTRUCTURE



Our products are designed to seamlessly integrate with current waste disposal systems, eliminating the need for specialized disposal methods.



## COLD DRINKS

Suitable for cold drinks



## LONG SHELF LIFE TIME

Shelf life time greater than 300 days, decomposition triggered upon use.



## CERTIFIED

BPI and TÜV Industrial Compostable



## PREMIUM PRODUCTS

With high rigidity and durability, reusable and compostable.



## PLANT BASED

Our clearly compostable collection is made from PLA, using no oil based polymers in the entire product



## OEM AVAILABLE

Contact us for more information at [sales@greenprintproducts.com](mailto:sales@greenprintproducts.com)